



City of Burlington

Great Streets BTV

Main Street

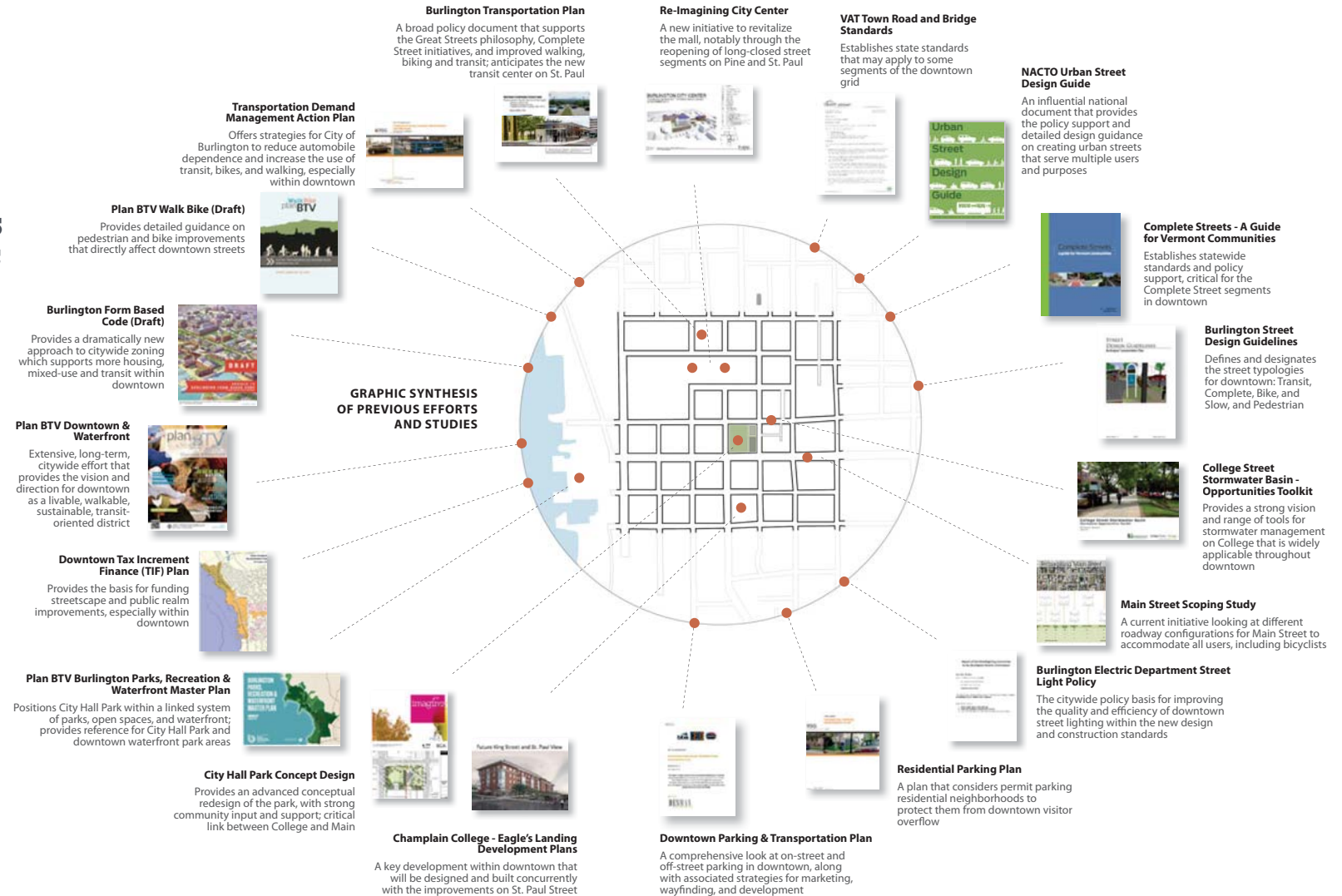
*These materials were originally prepared
for the December 2016 Great Streets
Public Outreach effort*

City of Burlington
Community & Economic Development Office
Public Works
Planning & Zoning

Main Street Concept Plan

Integrating Prior Recommendations

The Great Streets Initiative helps implement the vision of previous Burlington public planning efforts and guidelines



Great Streets BTV

Main Street Concept Plan

What is a “Great Street”

These are the high-level guiding principles for street design that are called for in the City's recently adopted plans and documents.

Walkable/Bikeable

high quality
pedestrian and bike
network, safe,
convenient, shady,
protective

Sustainable

benefits air and water
quality, stormwater
smart, energy efficient,
transit-friendly

Vibrant

lively, attractive,
diverse, accessible,
inclusive, supports
economic activity

Functional

works for all users,
vehicles types,
emergencies, events;
affordable and
maintainable

Main Street Concept Plan

**Main Street (6 blocks)
St. Paul Street (2 blocks)
City Hall Park**

**City of Burlington
Community & Economic Development Office
Public Works
Planning & Zoning**

**Suisman Urban Design
DuBois & King
Michael Vergason Landscape Architects
Wagner Hodgson Landscape Architects
Urban Rain Design
Domingo Gonzalez Associates
Third Sector Associates**

Great Streets Plan

Main Street Concept Plan - Nov 14, 2016

City of Burlington

Main Street Concept Plan

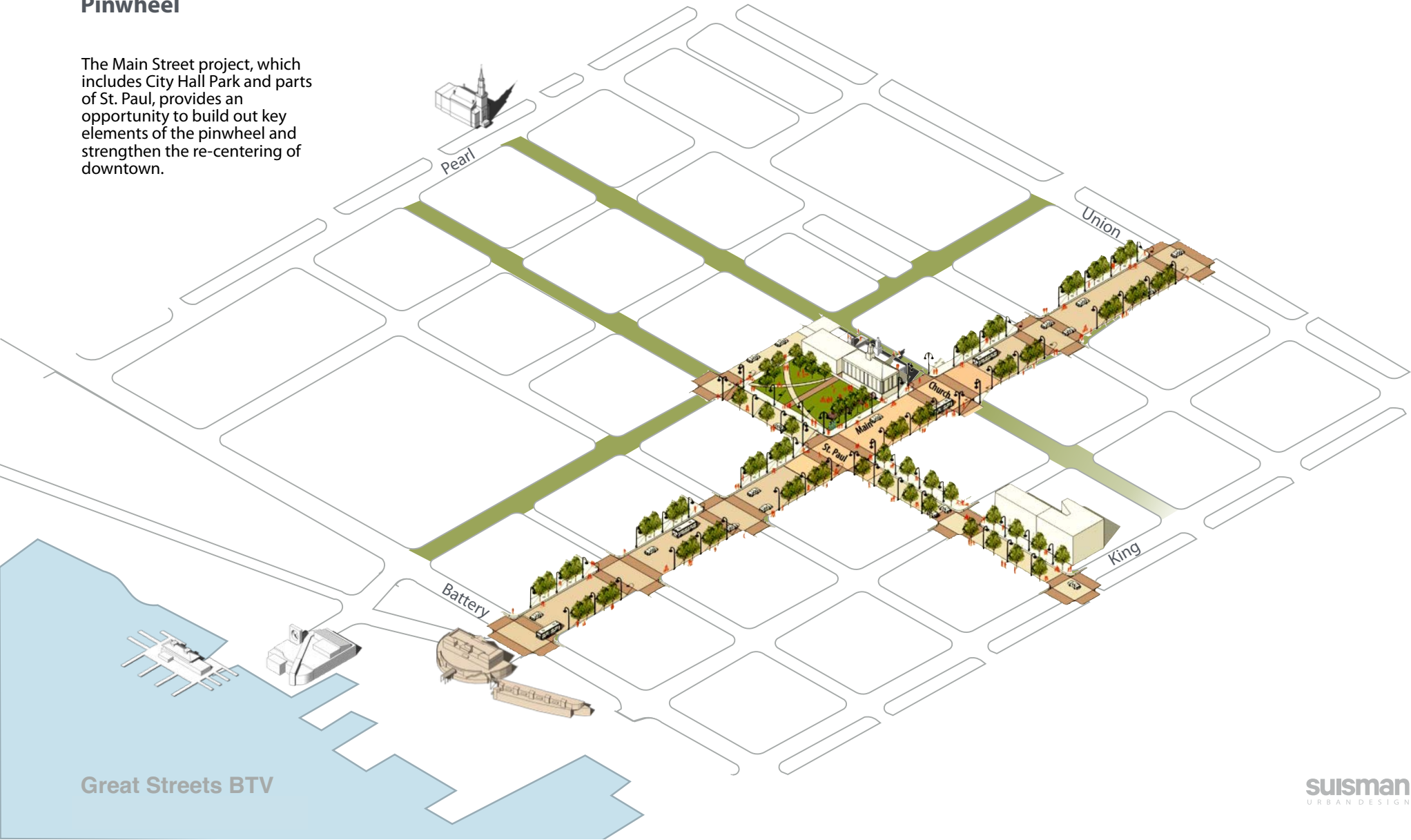


suisman
URBAN DESIGN

Main Street Concept Plan

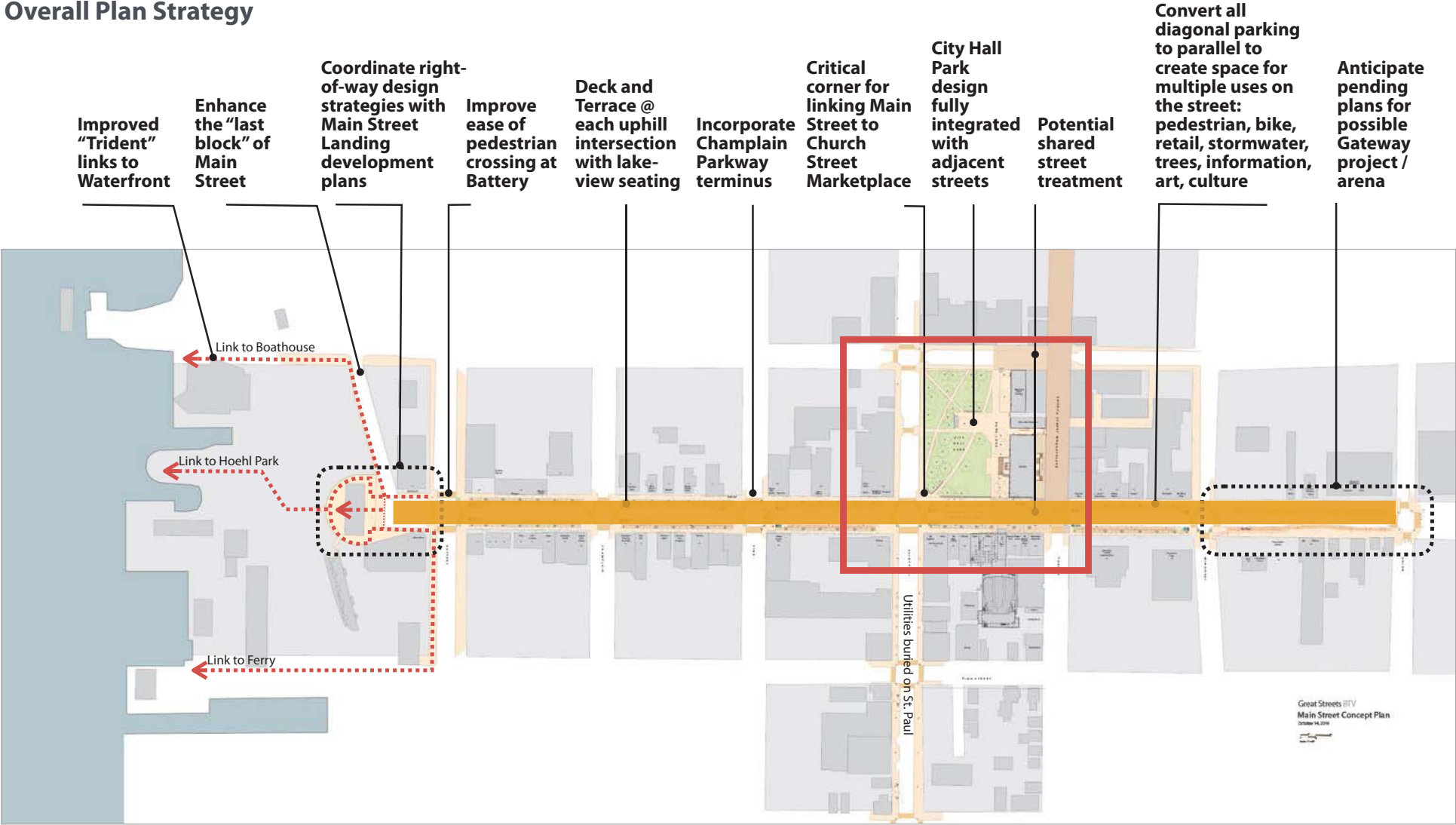
Pinwheel

The Main Street project, which includes City Hall Park and parts of St. Paul, provides an opportunity to build out key elements of the pinwheel and strengthen the re-centering of downtown.



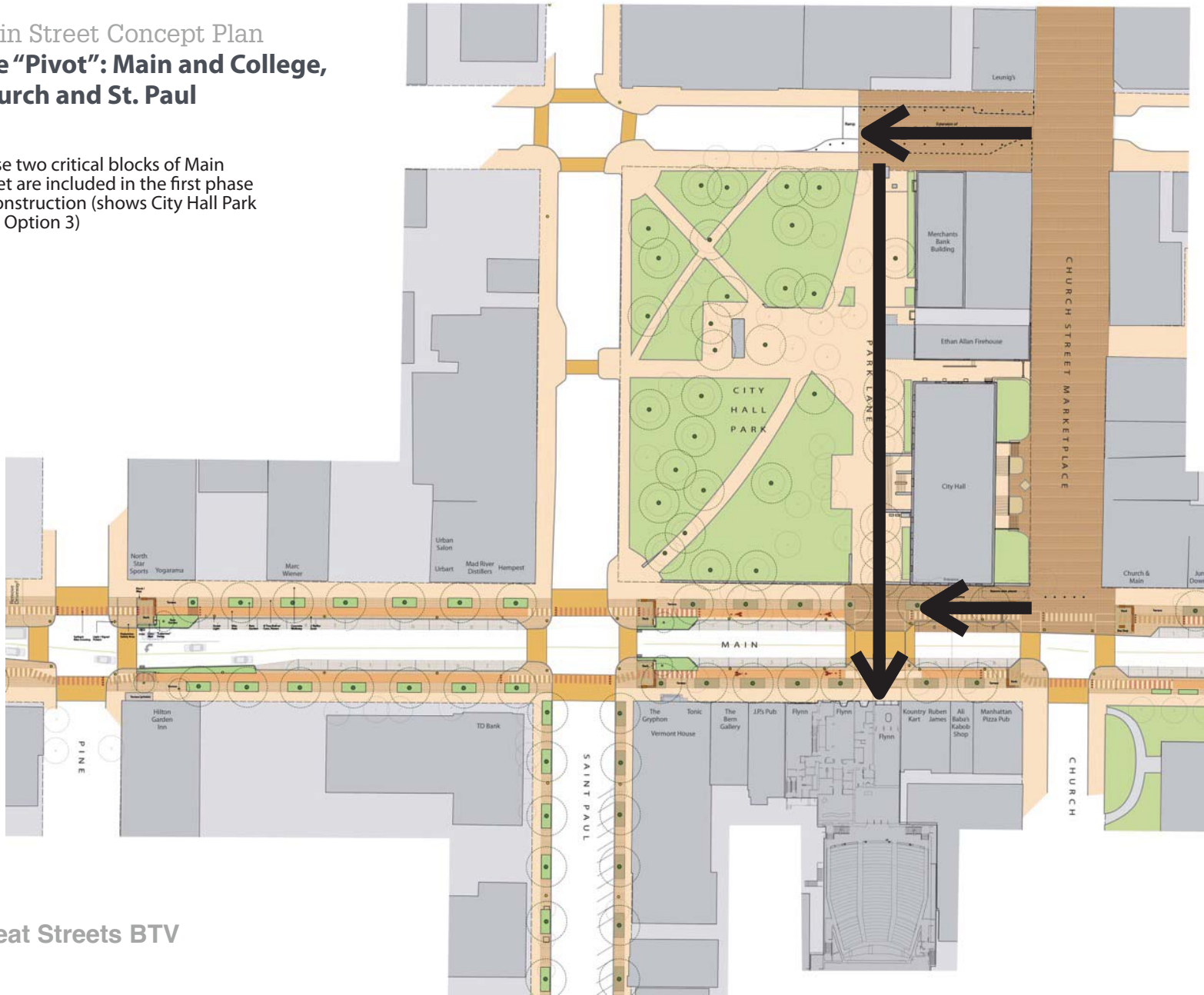
Great Streets BTV

Main Street Concept Plan
Overall Plan Strategy



Main Street Concept Plan
The “Pivot”: Main and College,
Church and St. Paul

These two critical blocks of Main Street are included in the first phase of construction (shows City Hall Park plan Option 3)



Main Street Concept Plan

Improving the Pedestrian Experience

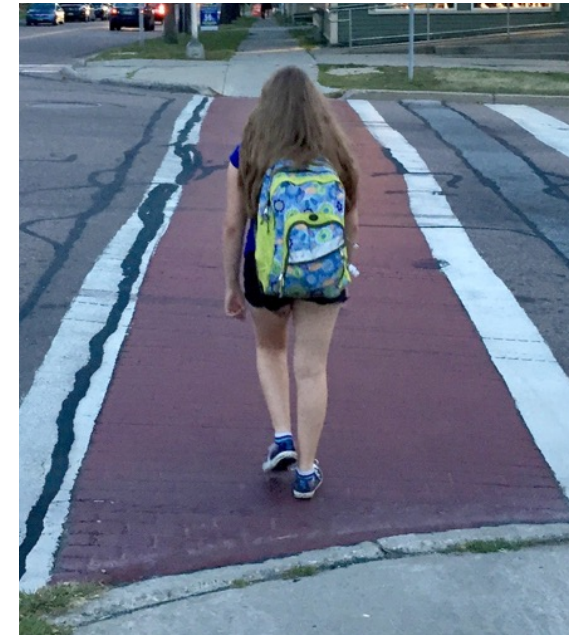
On many parts of Main Street, sidewalk and crosswalk widths are too narrow and the material condition is fair to poor. Basic pedestrian amenities such as seating are almost entirely absent.



Sidewalks are too narrow and tree belt is subject to erosion and runoff



Corners need repair and enhancement



Crosswalks need shortening and enhancement

Great Streets BTV

Main Street Concept Plan - Nov. 14, 2016

Main Street Concept Plan



Main Street Concept Plan
What Burlingtonians have said they'd like to see on the street

PRIVATE ➡ ← PUBLIC ➡



Retail
Frontage



Clear
Walkway



Tree Belt /
Furnishings



Bike Path &
Buffer



Stormwater /
Rain Gardens

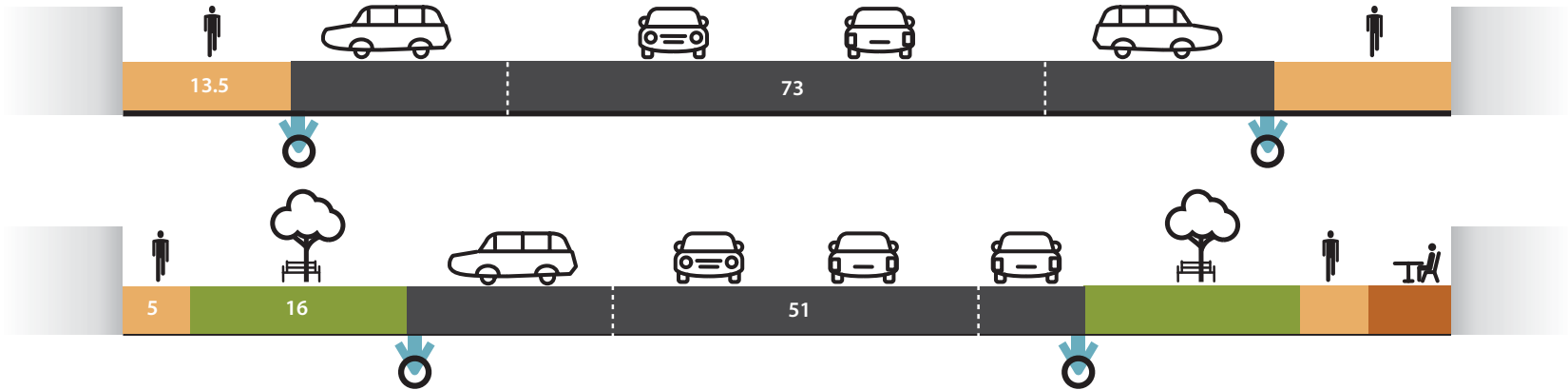


Parking /
Roadway

Main Street Concept Plan
Improving the Public Right-of-Way



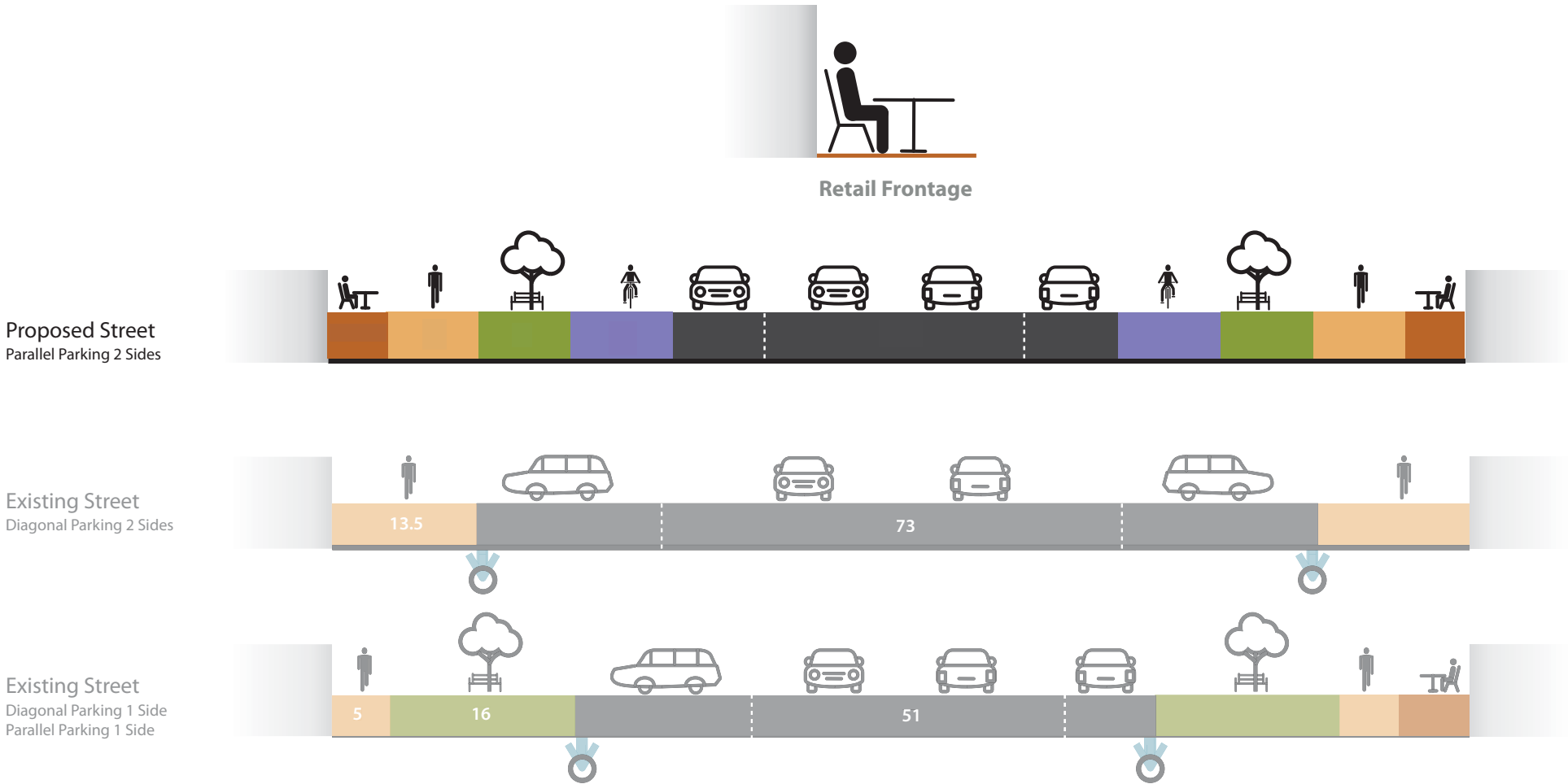
Existing Street
Diagonal Parking 2 Sides



Existing Street
Diagonal Parking 1 Side
Parallel Parking 1 Side

Great Streets BTV

Main Street Concept Plan
Improving the Public Right-of-Way

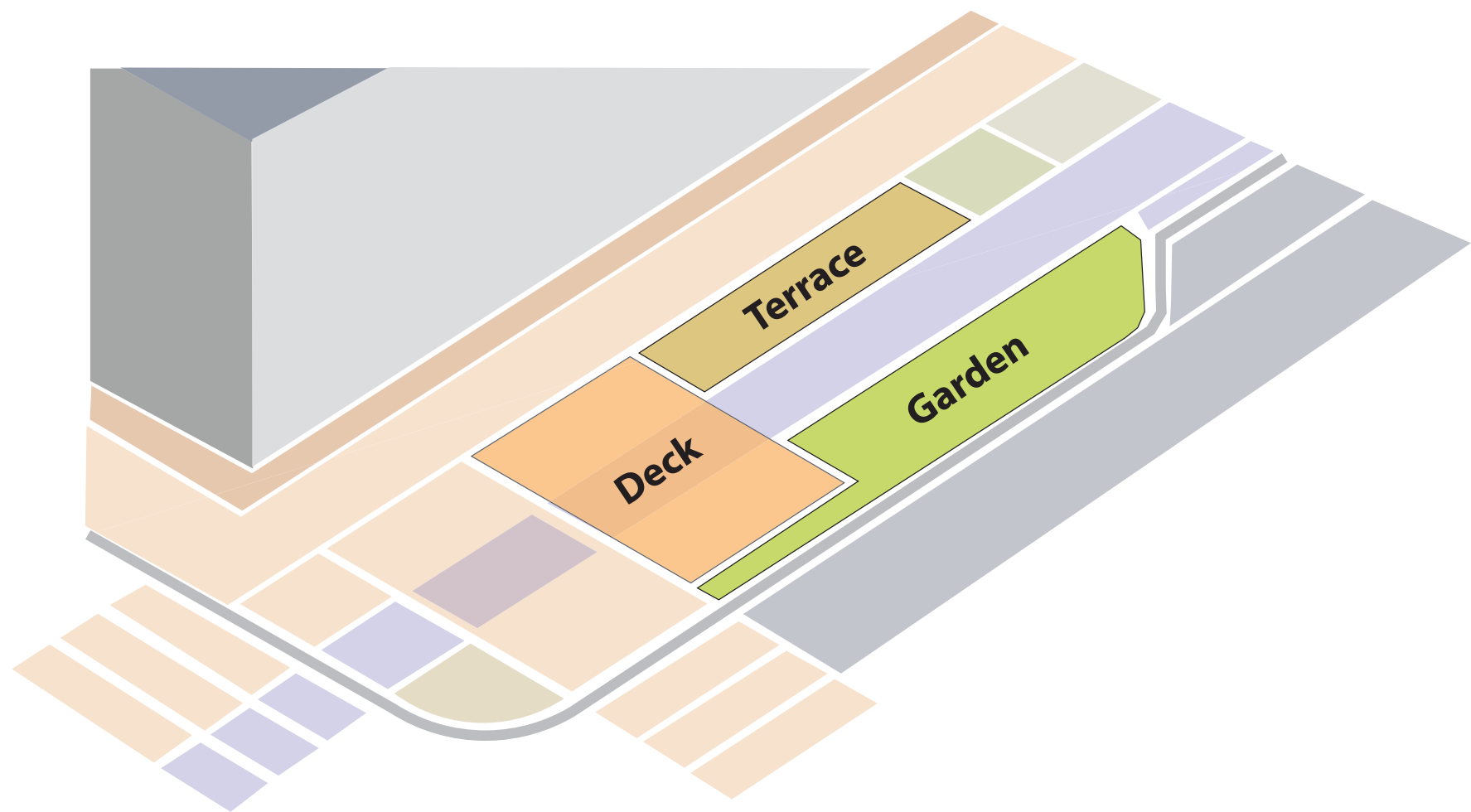


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Main Street Concept Plan
Overview of proposed Main Street concept



Main Street Concept Plan
Intersections



Main Street Concept Plan Typical Block Plan Elements

- 2 Sidewalks with Frontage Zones
- 2 Bike Paths
- 2 Tree Belts with pervious pavers
- 4 Bumpouts
- 12 Trees
- 12 Individual Rain Gardens
- 2 Downstream Collector Rain Gardens
- 2 Decks
- 2 Terraces
- 6 Crosswalks
- 10 Street Lights
- 22 Parking Spaces with pervious pavers

Additional public furnishing as needed:

8' TREE BELT

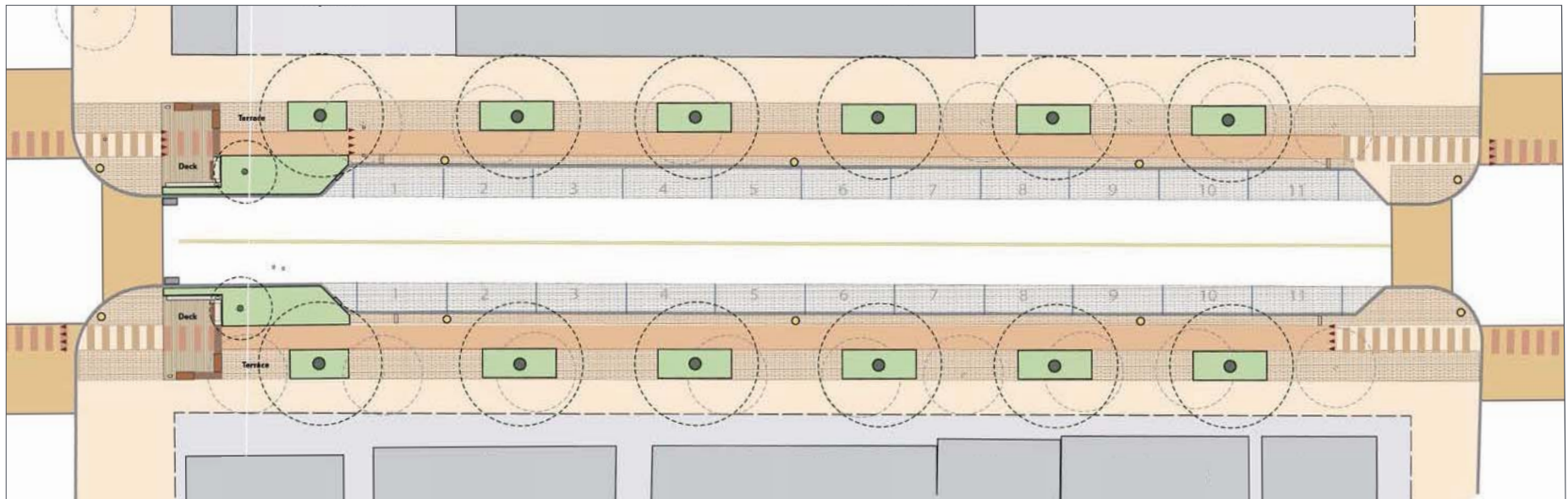
Bike Parking Racks
Bike Parking Shelter
Trash Receptacles
Recycling Receptacles
Benches / Seating
Information Kiosk
Art Installations

3' BUFFER ZONE (AT CURB)

Traffic Signs
Parking Meters
Parking Ticket Kiosks
Hydrants

CORNERS / BUMPOUTS

Traffic Signs
Trash Receptacles
Recycling Receptacles
Mail Boxes
Hydrants
Art Installations

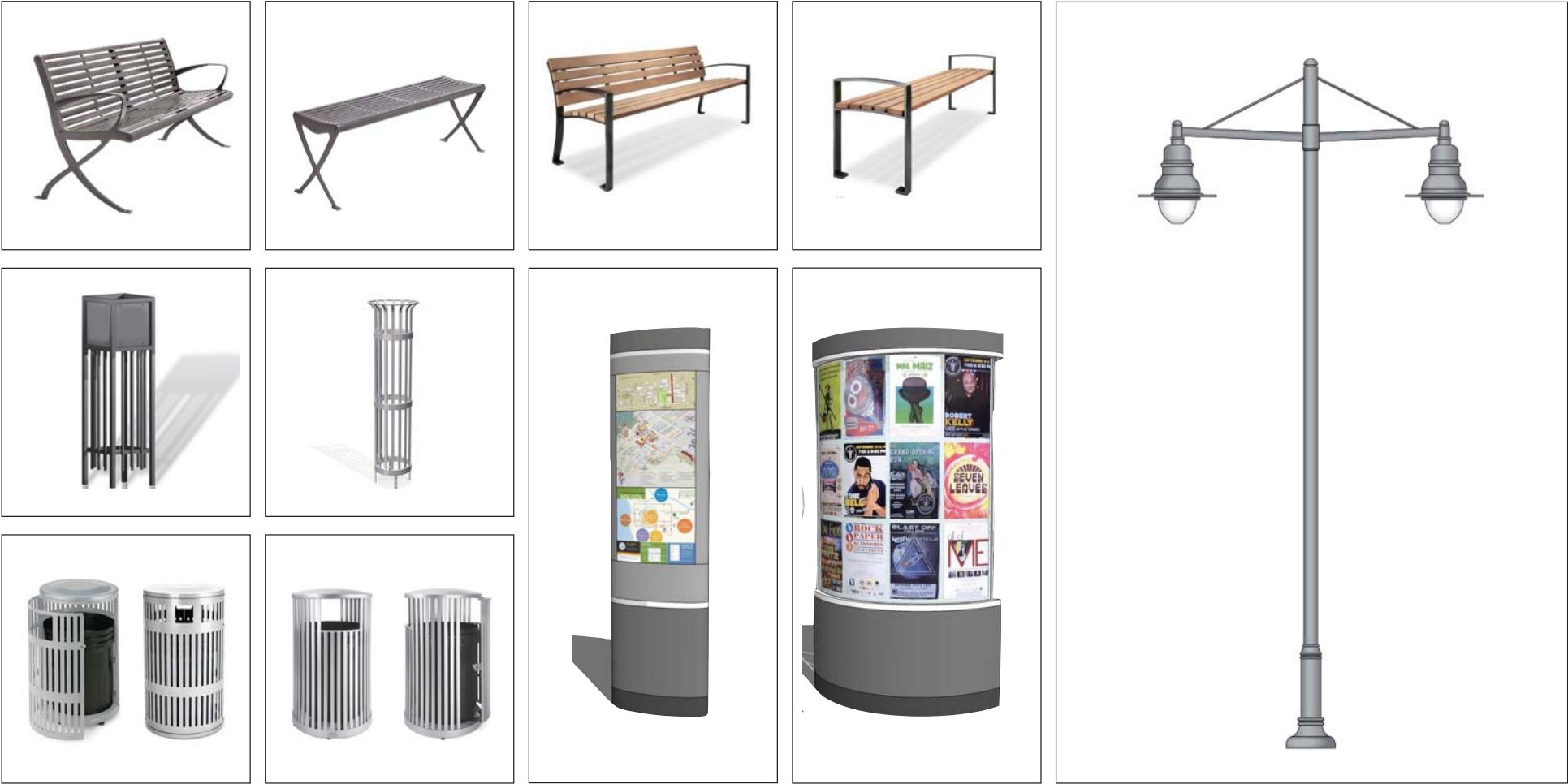


Main Street Concept Plan
Palette of Elements and Materials



Great Streets BTv

Main Street Concept Plan
Palette of Elements and Materials





**Great Streets -
St. Paul Street
Project**



Outreach:

Six-Month Look-Ahead

- October 2021 - Provide project update to the TEUC and the City Council; request authorization to award design contract to Consultant
- December 2021 - Provide project update to TEUC and City Council after advancing concept plans
- January 2022 - Begin broader outreach efforts in advance of March vote
- March 2022 - Pursue obtaining voter authorization for use of additional funds



Website: GreatStreetsBTV.com

Thank you!

Main Street Concept Plan

Conversion to All-Parallel Parking

Diagonal parking takes 150% more pavement per space than parallel parking because of wasted corner areas and the added room needed to maneuver into spaces. While the diagonal parking on Main Street increases the number of spaces, it limits the available space for pedestrian amenities and treebelt. It also results in an exceptionally wide roadway that encourages speeding and is more difficult to cross. Conversion to parallel parking results in the loss of some spaces, but opens up a wide range of options, including broad sidewalks and treebelt, new frontage space for sidewalk cafe seating, enhanced stormwater treatment, a protected bike lane, bumpouts, and shorter crosswalks.

Conversion to all-parallel parking provides the minimum space needed to achieve these benefits:

1. **wider walkway**
2. **wider tree belt** (healthier trees with greater rainfall interception capacity)
3. **linear rain gardens** (stormwater slowing and filtering)
4. **more pervious paving** (stormwater slowing and filtering)
5. **protected bike lane**
6. **store frontage furnishing zone**

Conversion to all-parallel parking can be achieved while retaining 73% of existing parking spaces*:

Total Spaces for Both Sides of Main Street

Existing/ Required	Proposed Spaces	Proposed Change	% Retained
161	118	-43	73%

* Note: the total of proposed spaces has been revised upwards since the November 16, 2016 public presentation; additional spaces have been added to the plan using City of Burlington standards for on-street parking layout.

Main Street Concept Plan
District Parking Strategy

736
on-street spaces
within 5 minutes

+ 700
off-street spaces
within 5 minutes

+ 2094
off-street spaces
within 6-7 minutes

= 3530
district parking
spaces

= 3484
district parking
spaces

